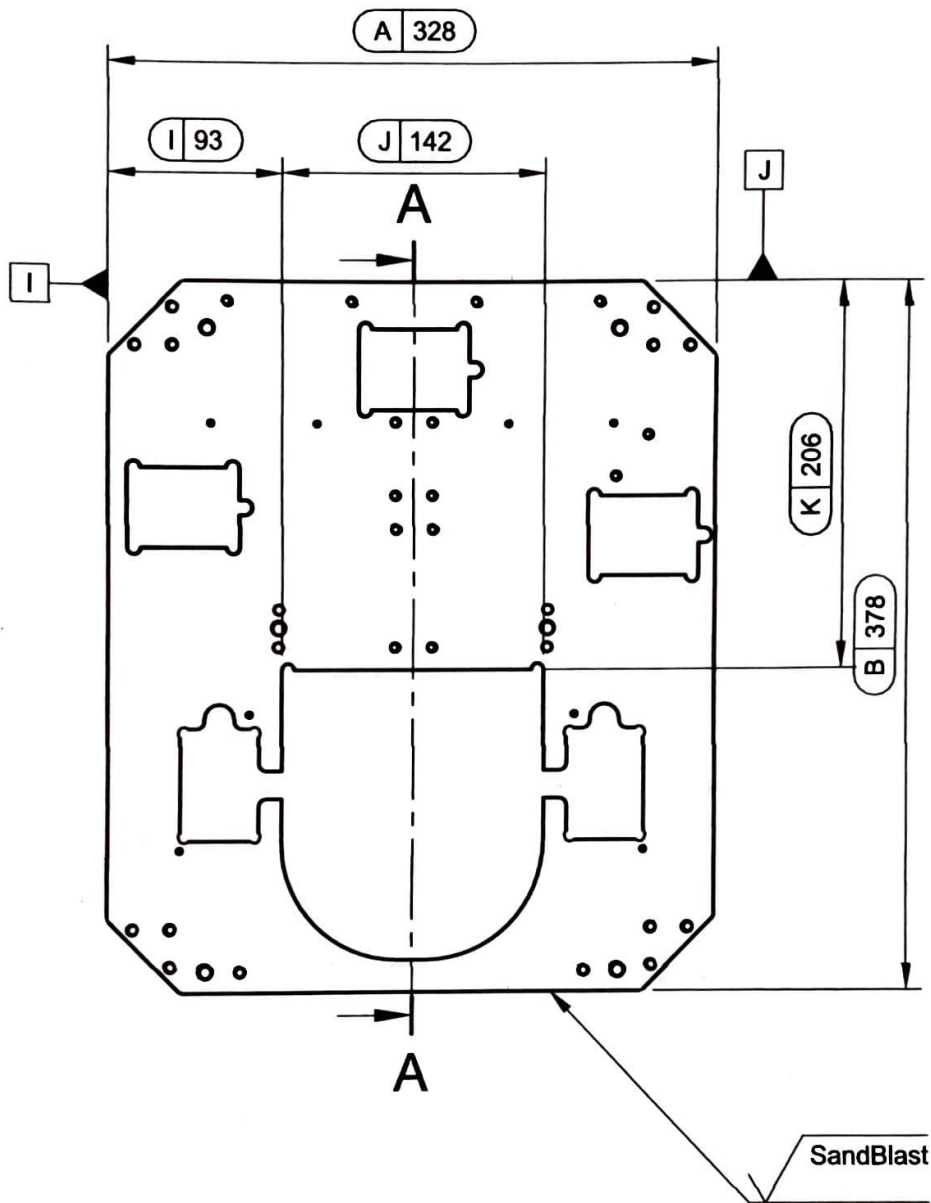
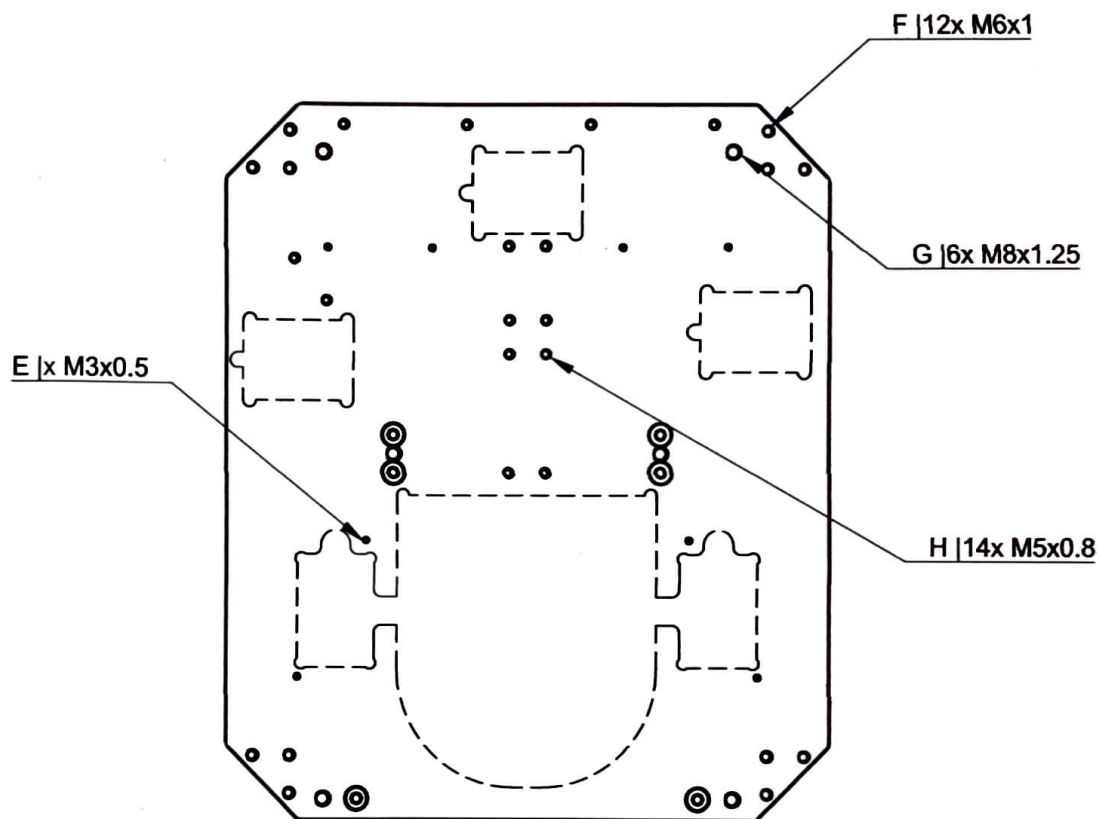


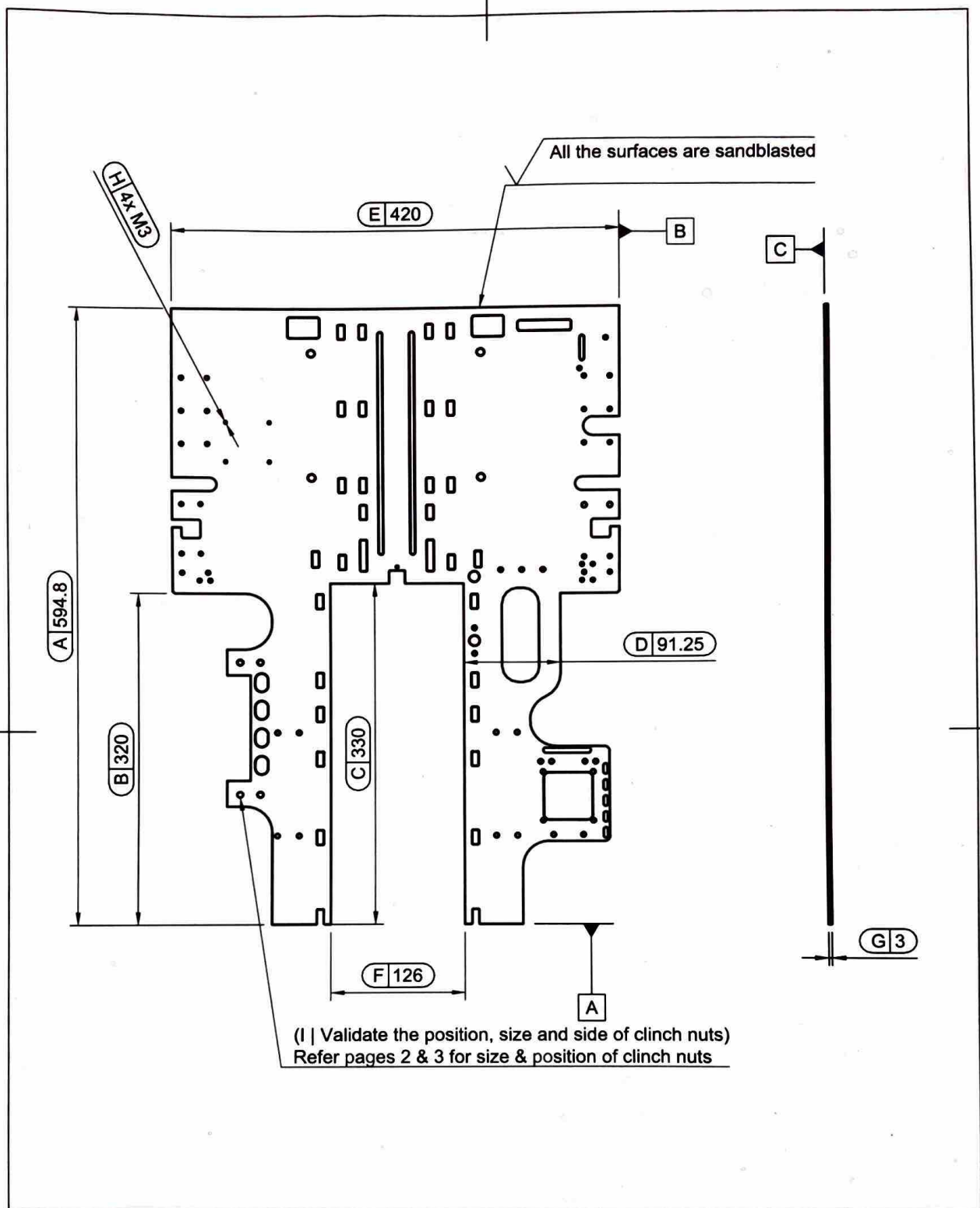
E3

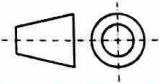



Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by Sadeep A	12/22/2022	Scale 1:4
	Checked by Kasun M	27/12/2022	
	Validated by Ahi A	20/3/2023	
Tolerance +/- 0.2mm	Material Aluminium	Machine ID A4	Sheet 1/3
	Part Name 4_0_1_BasePlate_Rev_6		Part ID

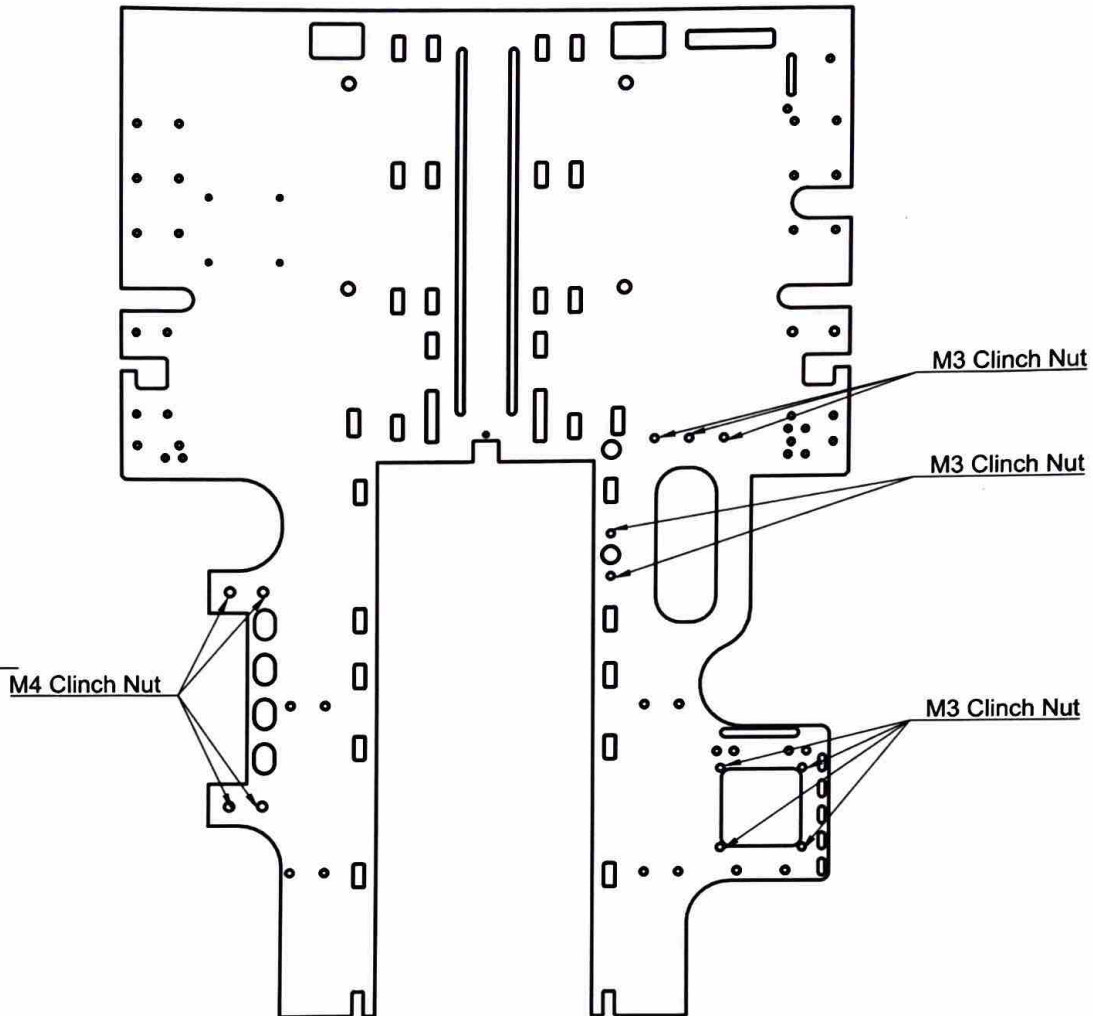


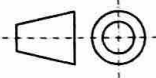

Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Sadeep A	12/22/2022	Scale 1:4
	Checked by	Kasun M	27/12/2022	
	Validated by	Anil A	20/3/2023	
Tolerance +/- 0.2mm	Material Aluminium	Machine ID A4	Sheet 2/3	
	Part Name 4_0_1_BasePlate_Rev_6	Part ID		



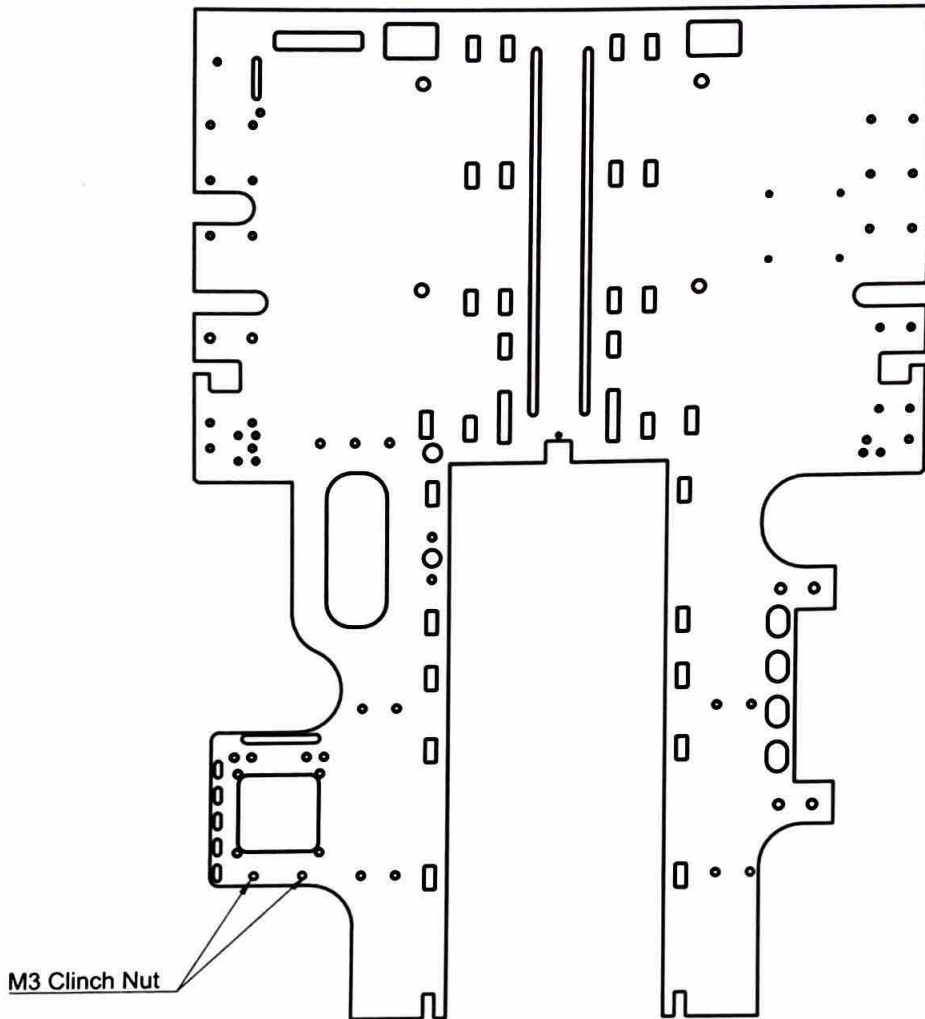
Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Kasun M	12/27/2022	Scale 1:4
	Checked by	Vishanth H	03/24/2023	
	Validated by	Fayaz	03/26/2023	
Tolerance +/- 0.2mm	Material Al	Machine ID	Sheet 1/4	
	Part Name 4_0_4_CenterPlate_Rev_6.1			Part ID

FRONT SIDE

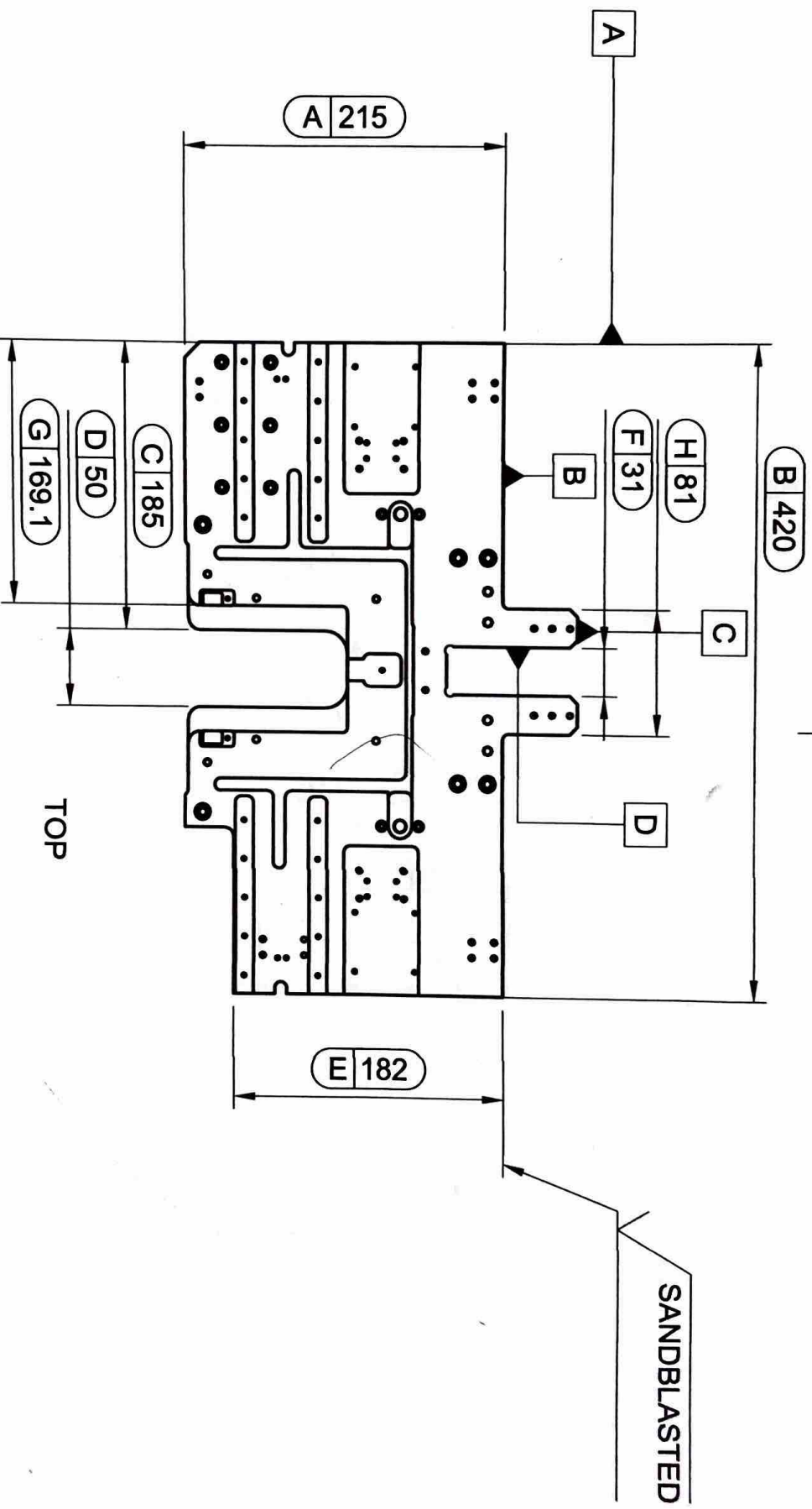


Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Kasun M	12/27/2022	Scale	1:4
	Checked by	Vishanth H	03/24/2023		
	Validated by	<i>fayen</i>	<i>03/26/2023</i>		
Tolerance +/- 0.2mm	Material Al	Machine ID	Sheet 2/4		
	Part Name 4_0_4_CenterPlate_Rev_6.1			Part ID	

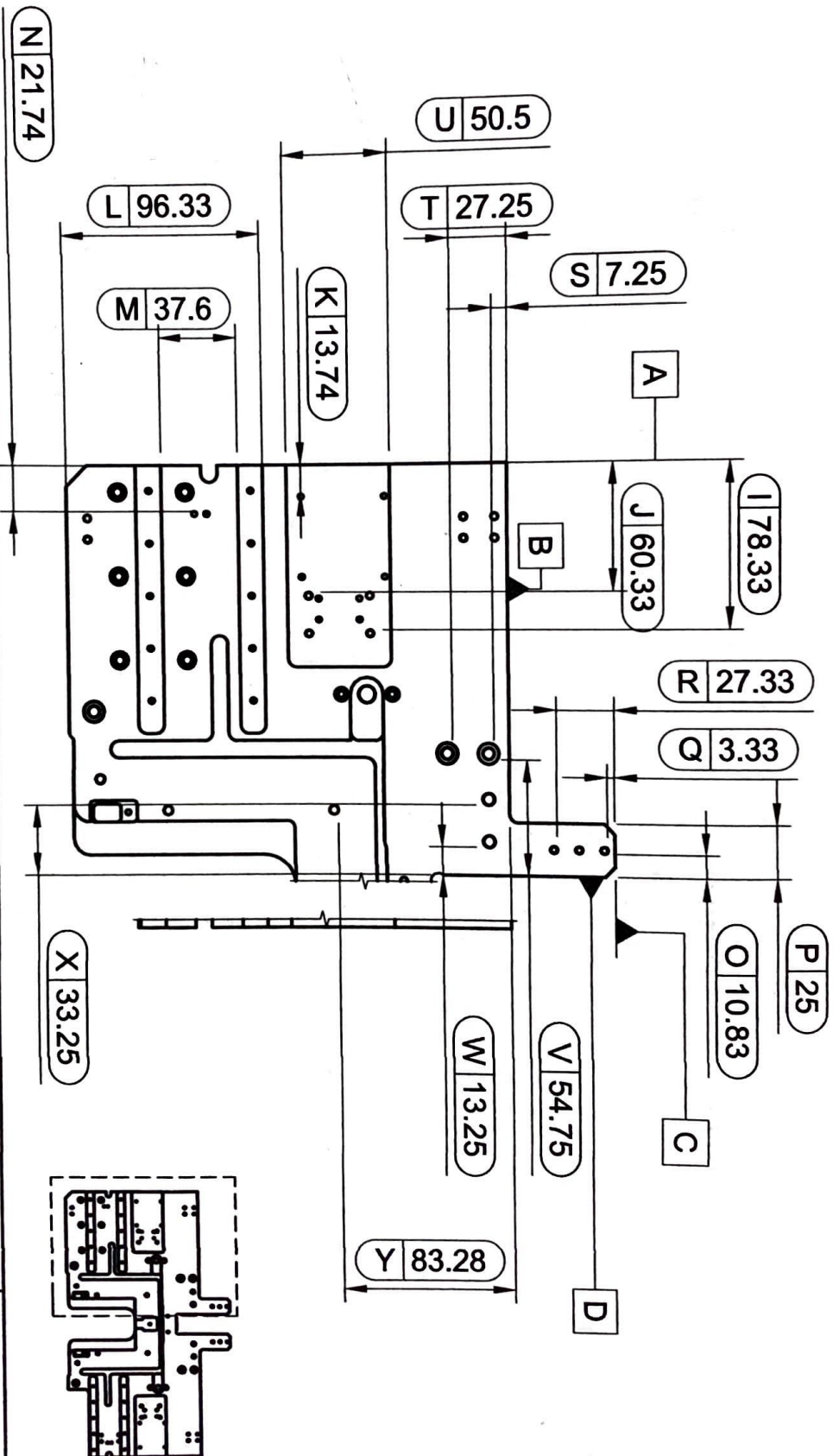
BACK SIDE



Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by Kasun M	12/27/2022	Scale 1:4
	Checked by Vishanth H	03/24/2023	
	Validated by <i>Fayar</i>	05/26/2023	
Tolerance +/- 0.2mm	Material Al	Machine ID	Sheet 3/4
Atlas Labs	Part Name 4_0_4_CenterPlate_Rev_6.1		Part ID



Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified		Drawn by Anuka B	15/12/2022	Scale 1:4
Validated by Dihali G.		Checked by Asad	16/12/2022	
Tolerance +/- 0.15		Material Aluminium	Machine ID	
Part Name 4_0_100_CompartmentSeparator_Rev-6		Part ID		Sheet 1/7



Drafting Standard :
ISO 128:2020
All dimensions are in mm
unless otherwise specified

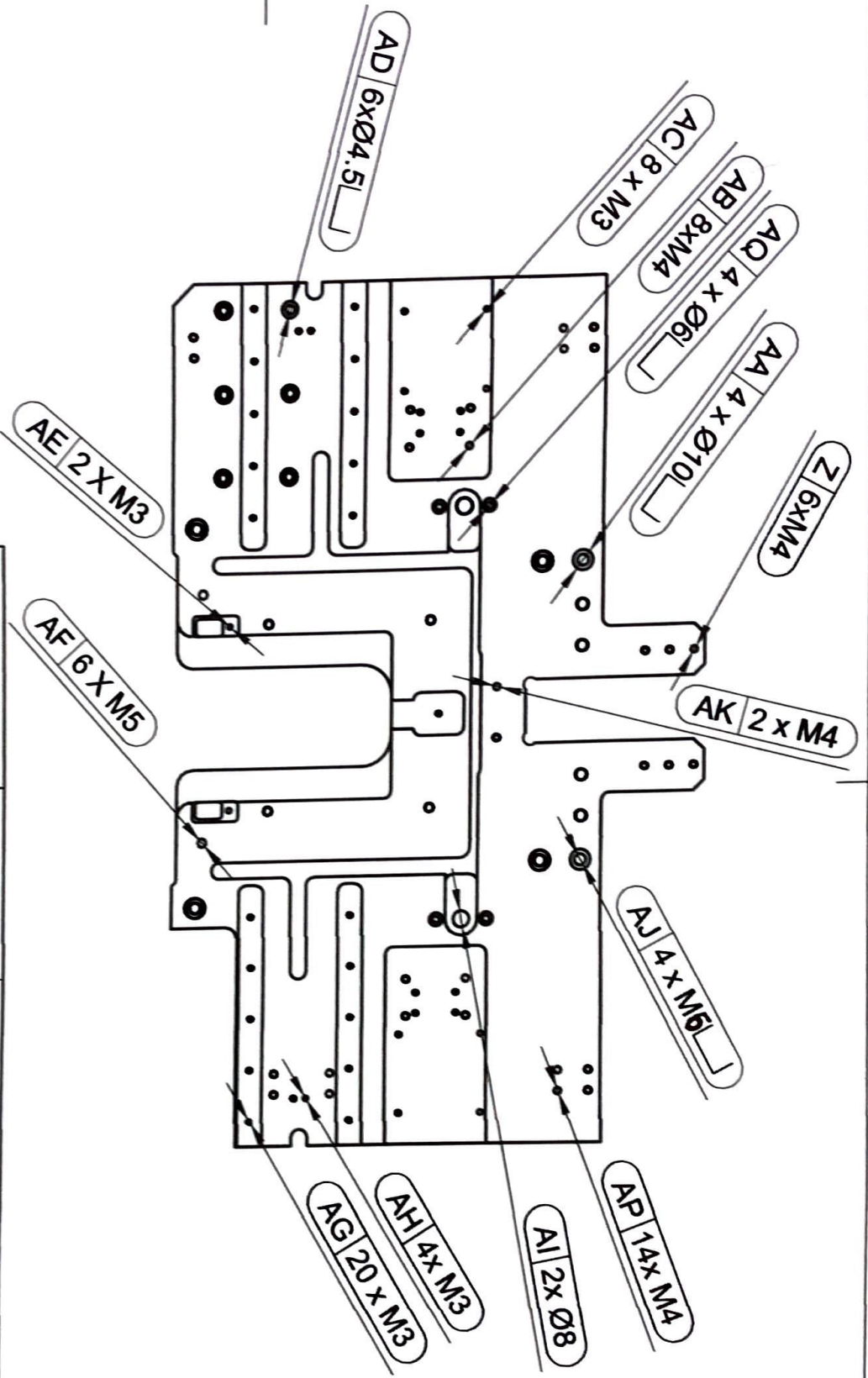
Drawn by : Anuka B
Checked by : Asad
Validated by : Disha G.
Material : Aluminium
Machine ID :
Tolerance : +/- 0.15

Scale : 1:3
Sheet : 2/7

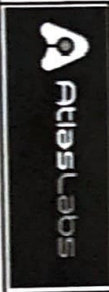


Part Name : 4_0_100_CompartmentSeparator_Rev-6

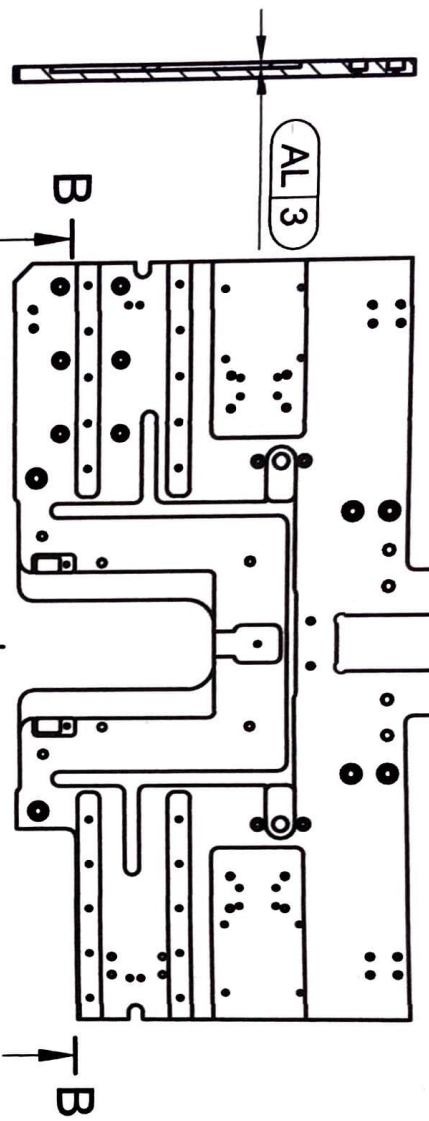
Part ID



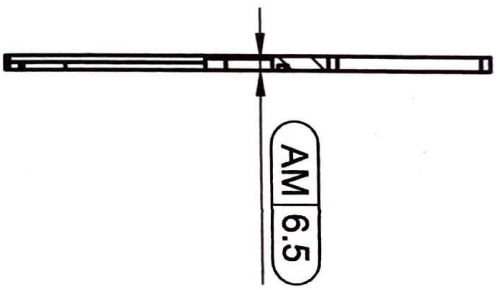
Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified		Drawn by Anuka B	15/12/2022	Scale 1:3
Tolerance +/- 0.15		Checked by Asad	16/12/2022	
Material Aluminium		Validated by Dishali	C.	
Machine ID		04/04/2023		
Part Name 4_0_100_CompartmentSeparator_Rev-6				Part ID



A-A (1:4)



C-C (1:4)



B-B (1:4)



AN 8

Drafting Standard :

ISO 128:2020

All dimensions are in mm unless otherwise specified

Tolerance
+/- 0.15

Drawn by

Anuka B

15/12/2022

Checked by

Asad

16/12/2022

Validated by

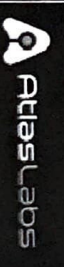
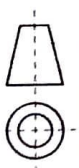
Dishal C.

04/04/2023

Material
Aluminium

Machine ID

Sheet
4/7



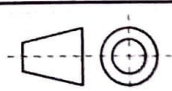

Part Name

4_0_100_CompartmentSeparator_Rev-6

Part ID

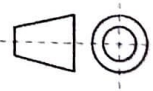
DIMENSION	AS MEASURED	DEVIATION	PASS/FAIL
A	214.95	-0.03	Pass
B	420.02	+0.02	Pass
C	184.98	-0.02	Pass
D	50.03	+0.03	Pass
E	182.03	+0.03	Pass
F	31.00	0.00	Pass
G	169.06	-0.02	Pass
H	81.03	+0.03	Pass
I	78.35	+0.02	Pass
J	60.36	+0.03	Pass
K	13.72	-0.02	Pass
L	96.30	-0.03	Pass
M	37.58	-0.02	Pass
N	21.80	+0.06	Pass
O	10.83	0.00	Pass
P	25.03	+0.03	Pass
Q	3.31	-0.02	Pass
R	27.37	+0.04	Pass
S	6.80	-0.45	Pass
T	26.75	-0.50	Pass
U	50.50	0.00	Pass

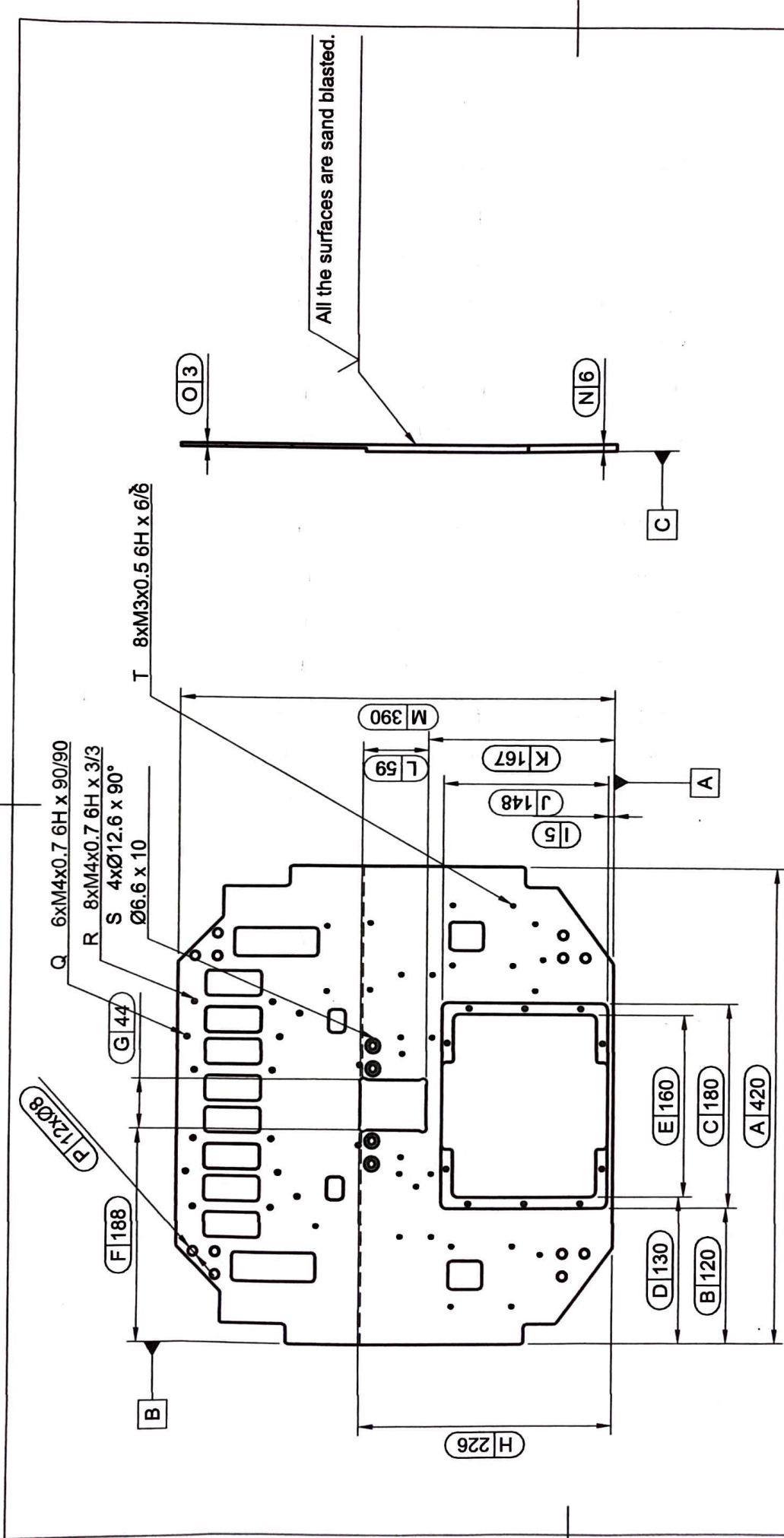
Comments: Dimensions S & T pass due to the plate being altered to accommodate M6 screws.


De-burred	NA Pass	Tapped	Pass	Surface Finish	Pass
Drilled	Pass	Countersunk/bored	Pass	Mass	1829.099 g
Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Anuka B	15/12/2022	Scale	1:3
	Checked by	Asad	15/12/2022		
	Validated by	Dishali G.	04/04/2023		
Tolerance +/- .15	Material	Machine ID		Sheet	5/7
	Part Name				Part ID
	4_0_100_CompartmentSeparator_Rev-6				

DIMENSION	AS MEASURED	DEVIATION	PASS/FAIL
V	54.25	-0.50	Pass
W	12.5	-0.75	Pass
X	33.30	+0.05	Pass
Y	83.29	-0.01	Pass
Z	6 x M4	-	Pass
AA	4 x 11.10 8 x M3	-	Pass
AB	6 x M4	-	Pass
AC	8 x M3	-	Pass
AD	6 x 4.5	-	Pass
AE	2 x M3	-	Pass
AF	6 x M5	-	Pass
AG	20 x M3	-	Pass
AH	4 x M3	-	Pass
AI	2 x 7.93	-0.07	Pass
AJ	4 x M6	-	Pass
AK	2 x M4	-	Pass
AL	8 x M3 2.98	-0.02	Pass
AM	6.48	-0.02	Pass
AN	7.96	-0.04	Pass
AO	5.29	-0.01	Pass
AP	14 x M4	-	Pass

Comments: V, W, AA & AJ pass as the plate was altered to accommodate M6 screws.

De-burred		Tapped		Surface Finish	
Pass		Pass		Pass	
Drilled		Countersunk/bored		Mass	
Pass		Pass			
Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Anuka B	15/12/2022	Scale 	
	Checked by	Asad	16/12/2022		
	Validated by	Dishali G.	04/04/2023		
Tolerance +/-0.15	Material		Machine ID		Sheet 6/7
Part Name 4_0_100_CompartmentSeparator_Rev-6					Part ID

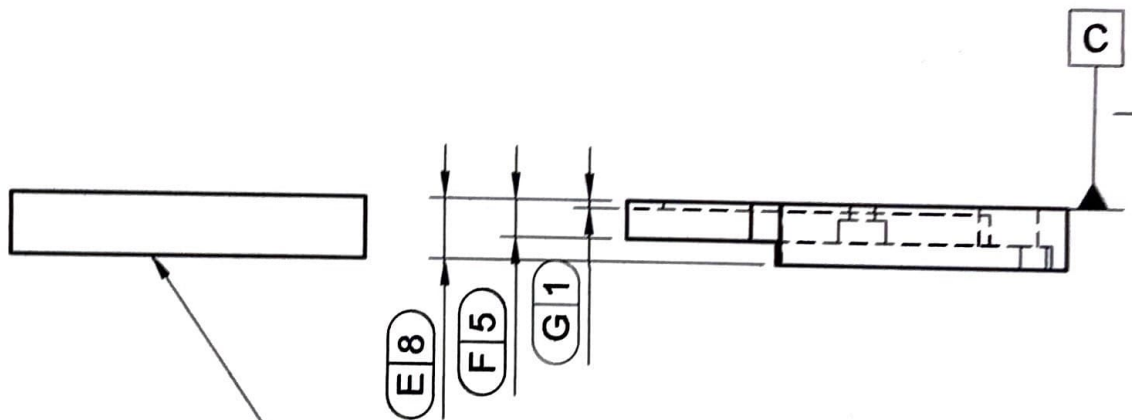
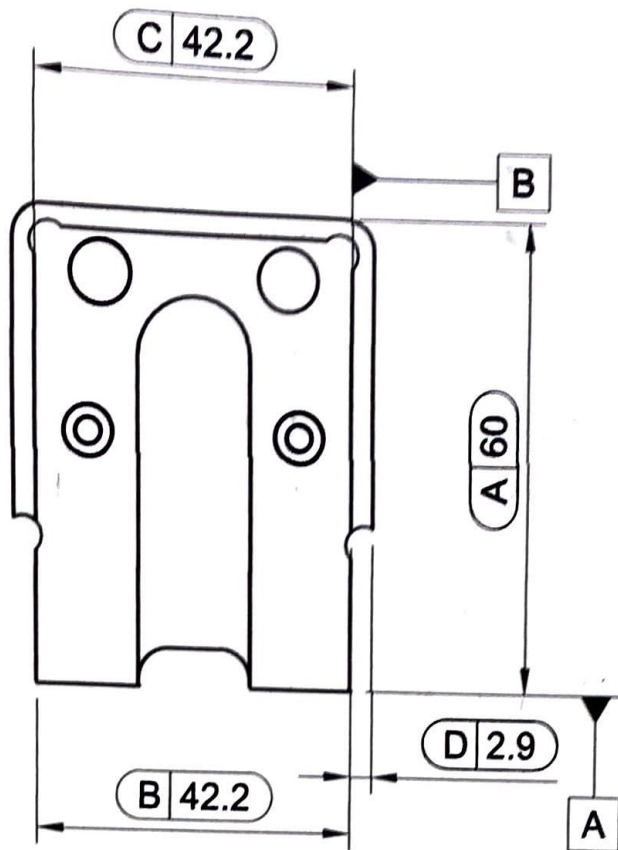


Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Kasun M	12/27/2022	Scale 1:5	
	Checked by	Asad	12/27/2022		
	Validated by	Kavindra P	28/3/2023		
Tolerance +/- 0.2mm	Material AI	Machine ID		Sheet 1/2	
Part Name		Part ID			
Atlas Labs		4_1_1_TopPlate_6mm_Rev_6			

DIMENSION	AS MEASURED	DEVIATION	PASS/FAIL
A	420.30	+ 0.30	* Pass
B	120.10	+ 0.1	Pass
C	179.82	- 0.18	Pass
D	130.12	+ 0.12	Pass
E	159.82	- 0.18	Pass
F	188.12	+ 0.12	Pass
G	43.84	- 0.16	Pass
H	226.00	0.00	Pass
I	5.14	+ 0.14	Pass
J	147.83	- 0.17	Pass
K	167.12	+ 0.12	Pass
L	68.88	- 0.12	Pass
M	390.32	+ 0.32	* Pass
N	6.09	+ 0.09	Pass
O	2.90	- 0.1	Pass
P	7.85	- 0.15	Pass
Q	Pass	-	Pass
R	Pass	-	Pass
S	Pass	-	Pass
T	Pass	-	Pass

Comments: * Additional error due to measuring device calibration, dimension actually within passable tolerance.

De-burred	Pass	Tapped	Pass	Surface Finish	Pass
Drilled	Pass	Countersunk/bored	Pass	Mass	1350.2 g
					1349.96 g
Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by	Kasun M	12/27/2022	Scale	1:5
	Checked by	Asad	12/27/2022		
	Validated by	Kavindha R	28/3/2023		
Tolerance +/- 0.2mm	Material	Al	Machine ID	Sheet	2/2
	Part Name	4_1_1_TopPlate_6mm_Rev_6			Part ID



All the surfaces are sand blasted

Drafting Standard : ISO 128:2020 All dimensions are in mm unless otherwise specified	Drawn by Kasun M	12/21/2022	Scale 1:1
	Checked by Asad	12/21/2022	
	Validated by Harindra	2/21/2023	
Tolerance +/- 0.2	Material Al	Machine ID	Sheet 1/2
	Part Name 4_3_Main Actuator Mount_Top Rev-6		Part ID